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Method of printing with sheet devoid of protective layer, involves coating an adhesive layer on printed base and conveying through conveyor by contacting with adhesive layer

Patent Assignee: NITTO DENKO CORP (NITL)

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Patent Details:

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Abstract (Basic): JP 2000247508 A

NOVELTY - A printed base material (11) is coated by an adhesion layer (12) containing 40 weight% (wt.%) or less of polymer with average molecular weight 100000. The sheet is rolled to a winder (13) by the adhesive layer and conveyed by a conveyor (21) (with silicone rubber surface). Ink formation is carried by printing mechanism (2) on the surface of the base material.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the apparatus for printing. The apparatus has conveying, rewinding unit. An printing mechanism provides ink on the surface of the sheet and image formation is performed. The surface of the roller by which conveyance of the sheet is performed contains silicone rubber.

USE - For printing purposes.

ADVANTAGE - The printing process is performed stably with easy conveyability. The durability of the sheet is enhanced and printing method is made easier.

DESCRIPTION OF DRAWING(S) - The figure shows explanatory drawing of printing apparatus.

- Printing mechanism (2)
- Printed base material (11)
- Adhesion layer (12)
- Winder (13)
- Conveyor (21)

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